

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Complete if Known

Application Number	10/650,386
Filing Date	August 27, 2003
First Named Inventor:	Seok-Hyun Yun
Art Unit	2873
Examiner Name	Hasan, Mohammed A.
Attorney Docket Number	5489P017

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

Based on Form PTO/SB/08A (08-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 09/10/03.

Substitute for Form 1449/PTO

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(use as many sheets as necessary)

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 Sheet **2** of **4**

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
H.B.	2	B.Y. Kim, J. N. Blake, H.E. Engan, and H.J. Shaw, "Acousto-Optic Frequency-Shifting in Two-Mode Optical Fibers," OFS '86, Tokyo, Japan (October 8-10, 1986).	
	3	H.E. Engan, B.Y. Kim, J.N. Blake, and H.J. Shaw, "Propagation and optical interaction of guided acoustic waves in two-mode optical fibers," Journal of Lightwave Technology, Vol. 6, No. 3, pp. 428-436 (March 1988).	
	6	H.E. Engan, D. Ostling, P.O. Kval, and J.O. Askautrud, "Wideband Operation of Horns for Excitation of Acoustic Modes in Optical Fibers," Proc. OFS (10), Glasgow, Scotland, 11th - 13th Oct. 1994, pp. 568-571 (SPIE Proc. 2360).	
	7	D. Ostling and H.E. Engan, "Narrow-Band Acousto-Optic Tunable Filtering in a Two-Mode Fiber," Optics Letters, Vol. 20, No. 11, pp. 1247-1249 (June 1, 1995).	
	8	H.E. Engan, "Analysis of Polarization Mode Coupling by Acoustic Torsional Waves in Optical Fibers," J. Opt. Soc. Am. A., Vol. 13, No. 1, pp. 112-118 (January 1996).	
	13	H.E. Engan, "Acoustic Torsional Waves used for Coupling Between Optical Polarization Modes in Optical Fibers," 1996 IEEE Ultrasonics Symposium, pp. 799-802.	
	14	D. Ostling and H.E. Engan, "Acousto-Optic Tunable Filters in Two-Mode Fibers," Optical Fiber Technology, Vol. 3, pp. 177-183 (1997).	

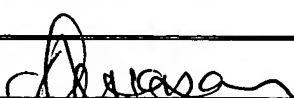
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

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Sheet	3	of	4	Attorney Docket Number	5489P017
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
MH	19	W.P. Risk, G.S. Kino, and H.J. Shaw, "Fiber-Optic Frequency Shifter Using a Surface Acoustic Wave Incident at an Oblique Angle," Optics Letters, Vol. 11, No. 2, pp. 115-117 (February 1986).			
	21	W.P. Risk and G.S. Kino, "Acousto-Optic Fiber-Optic Frequency Shifter Using Periodic Contact with a Copropagating Surface Acoustic Wave," Optics Letters, Vol. 11, No. 5, pp. 336-338 (May 1986).			
	30	B.Y. Blake, et al., "Fiber-Optic Modal Coupler using Periodic Microbending," Optics Letters, Vol. 11, No. 3, pp. 177-179 (March 1986).			
	31	B.Y. Kim, et al., "All-Fiber Acousto-Optic Frequency Shifter," Optics Letters, Vol. 11, No. 6, pp. 389-391 (June 1986).			
	32	W.V. Sorin, et al., "Highly Selective Evanescent Modal Filter for Two-Mode Optical Fibers," Optics Letters, Vol. 11, No. 9, pp. 581-583 (September 1986).			
	34	B.Y. Kim, et al., "Use of Highly Elliptical Core Fibers for Two-Mode Fiber Devices," Optics Letters, Vol. 12, No. 9, pp. 729-731 (September 1987).			
	36	H.E. Engan, et al., "Propagation and Optical Interaction of Guided Acoustic Waves in Two-Mode Optical Fibers," IEEE Journal of Lightwave Technology, Vol. 6, No. 3, pp. 428-436 (March 1988).			
	41	S.H. Yun, et al., "All-fiber Tunable Filter and Laser Based on Two-Mode Fiber," Optics Letters, Vol. 21, No. 1, pp. 27-29 (January 1996).			
	45	H.S. Kim, et al., "All-Fiber Acousto-Optic Tunable Notch Filter with Electronically Controllable Spectral Profile," Optics Letters, Vol. 22, No. 19, pp. 1476-1478 (October 1, 1997).			
	54	S.Y. Huang, et al., "Mode-Characteristics of Highly Elliptical Core Two-Mode Fibers under Perturbations," OFS '88, New Orleans, Louisiana, pp. 14-17 (January 27-29, 1988).			
	59	S.H. Yun, et al., "All-Fiber Acousto-Optic Tunable Filter," OFC '95, San Diego, California, pp. 186-187 (February 26 - March 3, 1995).			
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